

# MOVES

## Policy and Transportation Conformity Considerations

California Transportation Agencies and Air Districts  
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## Outline

- **Conformity Regulations on Emission Models**
- **MOBILE6 Transition**
- **MOVES Release Schedule**
- **Potential Transition Issues**

## Latest Emissions Model (93.111)

- **Conformity rule requires that the latest available emissions model be used in the conformity determination**
  - Rule provides a grace period of 3 - 24 months before a new model must be used in conformity
- **Emissions model may be different than what was used in the SIP**
- **Keeps conformity based on the latest, best available information**

## Latest Emissions Model

- EPA must approve an emissions model before it can be used
- MOBILE6.2 (official release May 19, 2004) is the current approved emissions model in U.S., except for California
- EMFAC2002 is the current emission factor model approved for use in California, we anticipate submission of EMFAC07 from ARB in spring of 2007.
- AP-42 Chapter 13 is current method for estimating road dust emissions
  - Alternative methods must be approved by EPA
- New PM<sub>2.5</sub> and 8-hour ozone areas must use these models for developing SIP budgets and conformity analyses

# MOBILE6 Transition Guidance

- Ozone and CO nonattainment and maintenance areas were given 2 years before MOBILE6 had to be used in conformity
- PM10 area's had a 2 year grace period before using MOBILE6.2 for conformity
- Areas can always choose to use approved models earlier, through interagency consultation

## Tentative MOVES Release Schedule

- **MO**tor **V**ehicle **E**mission **S**imulator
- ❄ **MOVES2004** released
  - On-road Energy Consumption, GHGs, Life Cycle Analysis
- **MOVES2006**
  - Adds on-road HC, CO, NO<sub>x</sub> and PM
- **MOVES2007**
  - Adds on-road Toxics, NH<sub>3</sub>, SO<sub>2</sub>
  - Final MOBILE6.2 replacement
- **MOVES2008**
  - Draft off-road (NONROAD, Aircraft, Com Marine, Locomotive)
- **MOVES2009**
  - Final off-road

# Potential MOVES Transition Issues

- **Area's are required to use the latest model for transportation conformity after a grace period of 3 to 24 months**
  - No Specific requirement to redo SIPs, however some areas may decide to redo SIPs to avoid inconsistencies between SIP budgets and subsequent conformity analyses
- **No MOVES Transition Policy Yet**
  - We will review our past guidance
  - We will be listening to stakeholders
  - We've given the full 24 month period for our last two transitions
- **MOVES in California would require development of a CA-specific database**
  - ARB would be part of the development team
  - CA-MOVES release schedule is unknown

